

AMENDMENT TO THE SPECIFICATION:

Please amend the following paragraphs to read as follows:

[0023] A piston, hereinafter called a control piston 25, loaded by an elastic element in the form of a spring 24, is arranged at the chamber 18 in order to control the valve arrangement 16. The control piston 25 is designed, under the influence of a hydraulic circuit 26 connected to the control piston 25, to be capable of moving in two opposite directions in the chamber 18, upward and downward according to Figure 2, and in the case of a downward movement, to exert pressure on the lubricant 10b enclosed in the chamber 18. The downward movement of the control piston 25 is limited by a ~~stop-shoulder seal 27, acting as a stop shoulder that is~~ arranged in the chamber 18. The upward movement of the control piston 25 in opposition to the spring 24 is limited by a stop screw 28. By adjusting the position of the stop screw 28, it is possible to define the stroke of the control piston 25 and hence the quantity of lubricant 10b which the bearing 17 receives at each lubrication pulse. The function in the form of a lubrication cycle in a lubrication device 10a, 10b according to the invention will be described in more detail below with reference to Figure 2.

[0025] When the pressure in the hydraulic circuit 26 then falls to a lower level, the control piston 25 is pressed back to its basic position against the ~~check-valve seal 27~~ by the spring 24. This means that the pressure in the chamber 18 increases, which in turn means that the first non-return valve 19 is closed and the second non-return valve 20 is opened, and lubricant 10b is forced through the second non-return valve 20 and out to the bearing 17 via the delivery duct 21.